INDEX OF SUBJECTS

Agglutination reactions
  for serum diagnosis and bacterial identification, 25
  reflector rack for, 186
Albumin, new reagent for, in urine, 96
Alcohol in gastric juice, micromethod for, 180
Amylase in diabetics, 89
Autotechnicon, displacement of slides, 196

Bacterial identification, agglutination reactions for, 25
Blood
  determination of proteins in small amounts of, 40
  multiple tests on specimen of, 169
  Vacutainer for citrated, 171
  Vacutainer for citrated in syphilis, 173
Blood counts
  erythrocyte count from hematocrit, 104
  leucocytes, variation of total, 75
Blood smears, special slide for, 195
Bone marrow smears of albino rat, 189
Boric acid, test for as preservative in milk, 95

Celloidin
  film on microtome for sectioning brain tissue, 57
  processing of eyeball, 71
Cellular elements of body fluids, 63
Cephalin flocculation test, 127
Cerebrospinal fluid
  micromethod in spinal anesthesia, 33
  specific gravity of, 33
Chromaffin tissue, staining, 115
Classification of serologic reactions for syphilis, 13
Complement-fixation test, for various diseases, 4
Copper sulphate method for hemoglobin determination, 80

Death notices, 201
Diabetics, amylase in, 89
Diagnosis of meningococcic infections with laked blood smears, 18
Disposable transfusion tubing, 191

Echinococcus disease, complement-fixation test, 4
Examination questions for registration of medical technologists, May, 1945, October, 1945, 139
Eyeball, celloidin processing of, 71

Flocculation test
  for schistosomiasis, 141
  for syphilis, 1
Frozen sections, 69
  rapid method for, 50

Gastric juice, protein digestion and pepsin values, 86
Glycogen, histochemical test for, 177
Gram-positive cocci, sodium azide in isolation of, 123

Hematocrit, red cell count from, 104
Hematologic calculator, 193
Hemoglobin
  determination, copper sulphate method for, 80
  spectrophotometric method, 135
Histochemical test for glycogen and mucin, 177
Histologic
  sections, new staining method, 53
  slides, displacement in Autotechnicon, 196

Laked blood smears in meningococcic infections, 18
Leishmania, yolk sac cultivation of, 101
Leptospirosis, complement-fixation test, 4
Leucocyte counts, variation of total, 75

Malaria, complement-fixation test, 4
Medical technologist, patient and, 110
Medical technologists, examination questions, May, 1945, October, 1945, 139
Meningococcic infections, laked blood smears in diagnosis, 18
Mercuric chloride, as mordant, 59
Microtechnic
  Autotechnicon, displacement of slides, 196
  celloidin mastic film on microtome for brain sections, 57
  celloidin processing of eyeball, 71
  cellular elements in body fluids, 63
  chromaffin tissue, staining, 115
  fixation of paraffin sections, 31
  frozen sections, 69

glycogen and mucin, stains for, 177
mordants, potassium bichromate and mercuric chloride, 59
mucin, test for, 177
new staining method, 53
rapid method for frozen sections, 50
rapid sectioning, 65
sharpener for microtome, 97
stain for spirochetes in tissue, 21
Steiner's silver stain for spirochetes, 21
trichrome stain in formalin-fixed tissue, 184
Useful suggestions to tissue technicians, 67
Microtome, sharpener for, 97
Milk, test for boric acid as preservative in, 95
Mordants, potassium bichromate and mercuric chloride, 59
Mucin, histochemical test for, 177

News and notices, 114, 201
Nomogram
for photometric determinations, 120

Pepsin values, in gastric juice, 86
Photoelectric determination of sulfonamides in blood, 153
Photometric determinations, nomogram for, 120
Potassium bichromate, as mordant, 59
Pregnancy, *Xenopus laevis* test, 15
Protein
digestion, in gastric juice, 86
determination of, in small amounts of blood, 40

Reflector rack for agglutination reactions, 186

Schistosomiasis, flocculation slide test, 141
Sectioning, celloidin film on microtome for, 57
Serologic reactions for syphilis, 13
Serum diagnosis, agglutination reactions for, 25
Serum total base, nomogram for, 118
Sodium azide in isolation of gram-positive cocci, 123
Spectrophotometric method for hemoglobin, 135
Staining, technic for thick drop preparations, 91
Steiner's silver stain for spirochetes, 21
Sulfonamides in blood, photoelectric determination, 153
Syphilis
complement-fixation test, 4
flocculation test, 1
serologic reactions, 13
Vacutainer for citrated blood in, 173

Thick drop preparations, staining technic, 91
Tissue technicians, useful suggestions to, 67
Transfusion tubing, disposable, 191
Trichrome stain for formalin-fixed tissue, 184
Urinary calculi, microscopic examination of, 156
Urine
new reagent for albumin in, 96
rapid system of analysis, 162
specific gravity of multiple specimens, 132

Vacutainer
for citrated blood, 171
for citrated blood in syphilis, 173

Xenopus laevis pregnancy test, 15

Yolk sac cultivation of leishmania, 101

INDEX OF AUTHORS

Agnew, S., and Giblett, E. R., 18

Barnard, R. D., and Van Hala, L., 173
See Burd, W., *et al.*, jt. auth., 171
See Cohen, H., jt. auth., 135
See Wiese, R., *et al.*, jt. auth., 169
Bernhard, A., and Scher, Y., 96
Bockman, W.: See Wiese, R., *et al.*, jt. auth., 169
Boerner, F., 13
and Lukens, M., 1, 4
Brandt, J. L., and Finch, E. P., 141
Burd, W.: See O'Rourke, A., *et al.*, jt. auth., 171

Cason, L. R.: See Goding, R. F., jt. auth., 95
Chaikelis, A. S., and Floersheim, R. D., 180
Cheatle, E. L.: See Hildebrand, E., jt. auth., 63, 65, 67, 69
Cobe, H. M., and Schaeufle, A., 31
Cohen, H., and Barnard, R. D., 135
See Wiese, R., *et al.*, jt. auth., 169
Cooper, M. B., 195
Corbin, L. J., 91
Culbertson, C. G., 97
Cunningham, R.: See Wiese, R., *et al.*, jt. auth., 169

Evans, B.: See Wolman, I. J., *et al.*, jt. auth., 33, 132, 162

Feldman, H. A., 25
Fennel, E. A., 86, 89
Finch, E. P.: See Brandt, J. L., jt. auth., 141
Floersheim, R. D.: See Chaikelis, A. S., jt. auth., 180
Folan, M. E., 186
Fraser, B. W., 156
Freedman, A. M., and Mirsky, I. A., 104

Giblett, E. R.: See Agnew, S., jt. auth., 18
Goding, R. F., and Cason, L. R., 95
Gomori, G., 115, 177

Hamilton, T. R.: See Wallace, F. G., jt. auth., 101
Handler, S. L., and Weiskopf, E. C., 196
Hildebrand, E., and Cheatle, E. L., 63, 65, 67, 69

Kanner, O., 120
Konzelmann, F. W.: See Tuft, H. S., jt. auth., 191
Krautman, B., 127

Lasker, S.: See Wolman, I. J., *et al.*, jt. auth., 33, 132, 162
Lopez, J. B., 53
Lufkin, H. M., and Sunderman, F. W., 118
Lukens, M.: See Boerner, F., jt. auth., 1, 4

Maines, A.: See Burd, W., *et al.*, jt. auth., 171
McNaught, J. B.: See Proescher, F., *et al.*, jt. auth., 50
Milligan, M., 184
Mirsky, I. A.: See Freedman, A. M., jt. auth., 104

O'Rourke, A.: See Burd, W., *et al.*, jt. auth., 171

Palmer, O.: See Wiese, R., *et al.*, jt. auth., 169
Proescher, F., Zapata, E. M., and McNaught, J. B., 50

Randolph, T. G., 75
Rasmussen, R. F., 15
Reitz, C. B., 71

Schaeufle, A.: See Cobe, H. M., jt. auth., 31
Scher, Y.: See Bernhard, A., jt. auth., 96
Schmidt, E. G., 153
Schwarting, V. M., 123
Scott, J. M., 110
Stuedeman, A.: See Burd, W., *et al.*, jt. auth., 171
Sunderman, F. W.: See Lufkin, H. M., jt. auth., 118

Tuft, H. S., and Konzelmann, F. W., 191

Van Hala, L.: See Barnard, R. D., jt. auth., 173
See Wiese, R., *et al.*, jt. auth., 169
Vogel, M. T., 189

Wallace, F. G., and Hamilton, T. R., 101
Weichselbaum, T. E., 40
Weiskopf, E. C.: See Handler, S. L., jt. auth., 196
Whillans, D., 193
Wiese, R., Bockman, W., *et al.*, 169
Wilson, R. A. J., 21, 57, 59
Wolman, I. J., Evans, B., and Lasker, S., 33, 132, 162

Zapata, E. M.: See Proescher, F., *et al.*, jt. auth., 50
Zukerman, C. M., 80